



# National Science Foundation

## *Excepted Position Vacancy*

**ANNOUNCEMENT NO:** E20030044A

**OPEN:** 03/10/2003

**CLOSE:** 03/24/2003

**This vacancy was amended to correct the Location.**

**THIS IS A PERMANENT POSITION.**

**POSITION VACANT:** Science Education Analyst (Assistant Program Director), AD-1701-2.  
Annual salary ranges from \$47,910 to \$88,770.

**LOCATION:** Directorate for Education and Human Resources, Division of Human Resource Development, Arlington, VA.

**BARGAINING UNIT STATUS:** This position is included in the bargaining unit and will be filled in accordance with the merit staffing provisions of the Collective Bargaining Agreement Article VIII.

**AREA OF CONSIDERATION:** All Sources

### **THIS POSITION IS OUTSIDE THE COMPETITIVE CIVIL SERVICE**

Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service status or reinstatement eligibility will not obtain civil service status if selected. Candidates currently in the competitive service will be required to waive competitive civil service rights if selected. Usual civil service benefits (retirement, health benefits, life insurance) are applicable for appointments of more than one year. Disabled veterans with 30% service-connected disabilities as well as other applicants with severe disabilities will be considered without regard to the closing date if applications are received prior to final selection.

### **DUTIES AND RESPONSIBILITIES:**

This position is that of an Assistant Program Director in the Division of Human Resource Development (HRD), Directorate for Education and Human Resources. HRD serves as a focal point for NSF's agency-wide commitment to enhancing the quality and excellence of science, technology, engineering and mathematics (STEM) education and research through broadening participation by underrepresented groups and institutions. The Division's programs aim to increase the participation and advancement of underrepresented minorities and minority-serving institutions, woman and girls, and persons with disabilities at every level of the science and engineering enterprise. The Assistant Program Director conducts analyses and assists in the operation of the Division's programs. Makes judgments that demonstrate comprehension of STEM education and an understanding of the changes needed to make STEM education more accessible to underrepresented populations. Participates in assessments of programs to improve STEM education. Makes recommendations to the Division staff concerning topics, priorities, and plans for evaluation studies. Prepares profiles of HRD programs to quantify various aspects of division activities.

Profiles may include longitudinal data and/or future projections of funding, programs, proposal loads, awards, staff allocation, and the relationship between these and other attributes. Engages in short-term, quick-response analyses of policy, programmatic and evaluation issues. Involves himself or herself with Foundation-wide working groups, task forces, etc. in which his/her evaluation or substantive knowledge is expected to make a useful contribution. Assists in the support of a healthy balance for all the needs in the STEM education enterprise through the evaluation and recommendation of grant proposals. Recognizes the essential characteristics of the proposed project and evaluates the significance of its objectives to the NSF mission. Assists in insuring the integrity and consistency in the grant/declination process consistent with conflict-of-interest rules. Assists in administering an effective, timely merit review process, with attention to increasing the size and quality of the review pool and insuring participation by women, minorities and persons with disabilities. Participates with more senior staff in the development of short- and long-range plans, establishing objectives for programs and program evaluation. Participates in the preparation of annual and long-range budget requirements. Recommends allocation and reprogramming of funds. Administer, perform oversight, and follow-up with grantees in such areas as finance, procurement, personnel, and facilities. Controls waste, fraud and abuse. Monitors resource allocation rates. Makes award and decline recommendations on proposals within the various programs of the Division. Provides standard documentation on proposal recommendations. Manages peer review system and post-award evaluation process. Keeps Division Director informed of important activities, significant achievements, and new trends and developments in program, division, and field.

**QUALIFICATIONS REQUIRED:** Applicants must have a Ph. D. in Education or any field of Science **OR** a Masters degree in Education or any field of Science, plus a minimum of two years of research experience, research administration, and/or managerial experience pertinent to the position; **OR** equivalent research experience.

**QUALITY RANKING FACTORS:**

- Broad knowledge and understanding of scientific principles and theories applicable to undergraduate education in science, technology, engineering and mathematics (STEM)
- Ability to assist in management of a diversity focused undergraduate program.
- Demonstrated skill in performing research, analytical and technical writing which evidence the ability to perform inquiry into a wide range of significant issues and make recommendations and decisions based on findings.
- Ability to interact with members of the scientific community, private sector and peers to effectively present and advocate program policies and plans.

**BASIS FOR RATING:** Final ranking is based on an evaluation of your experience, education and training as they relate to the knowledge, skills and abilities specified in the Quality Ranking Factors. Current performance appraisal, letter(s) of recommendation, and awards may also be used in the evaluation process.

**CONDITIONS OF EMPLOYMENT:** Appointment to the position is contingent upon successful completion of the appropriate background investigation. Satisfactory completion of a one-year trial period may also be required.

**HOW TO APPLY:** You may apply for this position with the Optional Application for Federal Employment (OF-612), the older Application for Federal Employment (SF-171), a resume, or other application format of your choice - so long as it contains the necessary information (summarized below). You must also submit a current Performance Appraisal or letter(s) of recommendation from professionals who can comment on your capabilities. In order to ensure full consideration, it is recommended that you submit a supplemental statement which specifically addresses how your background and experience relate to each Quality Ranking Factor listed on this announcement.

You must specify the job announcement number, and title and grade(s) of the job for which you are applying. You should also provide the following information: ♦ Your country of citizenship. ♦ Your social security number. ♦ Information about your education, including (1) high school graduation date and (2) college/university information - your major, and type and year of degree(s). If no degree, show total credits earned and indicate whether they are semester or quarter hours. ♦ Information about all your work experience related to this job, including job titles, duties and accomplishments, employer's name and phone number, number of hours worked per week, starting and ending dates (month and year), and annual salary. If you held various positions with the same employer, describe each separately. ♦ If you have Federal civilian experience, indicate the highest grade held, the job series, and dates held. ♦ The brochure *Applying for a Federal Job* provides information on the Federal job application process; it is available by calling the number listed below. **If your application does not provide all the information requested in the vacancy announcement, you may lose consideration for this job.**

The National Science Foundation provides reasonable accommodations to applicants with disabilities on a case-by-case basis. If you need a reasonable accommodation for any part of the application and hiring process, please notify the point of contact listed on this vacancy announcement.

Submit all application material to National Science Foundation, Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230. Attn: Announcement Number E20030044. In addition to the required application materials, you are asked to complete and submit the attached Applicant Survey form. Submission of this form is voluntary and will not affect your application for employment. The information is used for statistical purposes only. **ALL FORMS MUST BE RECEIVED BY THE CLOSING DATE OF THIS ANNOUNCEMENT.** For additional information call Yvonne Woodward, on (703) 292-4386. Hearing impaired individuals may call TDD (703) 292-8044.

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HIGHLY QUALIFIED STAFF THAT REFLECTS THE DIVERSITY OF OUR NATION**

NATIONAL SCIENCE FOUNDATION  
APPLICANT SURVEY

OMB No. 3145-0096  
Expiration: 7/31/2005

Vacancy Ann. #: \_\_\_\_\_ Position Status (temporary/permanent): \_\_\_\_\_

Position Title/Series/Grade: \_\_\_\_\_

INSTRUCTIONS

Your completion of this form will be appreciated. Submission of this Information is voluntary and it will have no effect on the processing of your application. The data collected will be used only for statistical purposes to ensure that agency personnel practices meet the requirements of Federal law. Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0096. NSF estimates that each respondent should take about 3 minutes to complete this survey, including time to read the instructions. You may have comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing this burden. If so, please send them to NSF Reports Clearance Officer, Division of Administrative Services, NSF, 4201 Wilson Blvd., Arlington, VA. 22230.

PRIVACY ACT INFORMATION

GENERAL - This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information.

AUTHORITY - Section 7201 of title 5 of the U.S. Code and Section 2000e-16 of title 42 of the U.S. Code.

PURPOSE AND ROUTINE USES

The information is used for research and for a Federal Equal Opportunity Recruitment Program (FEORP) to help insure that agency personnel practices meet the requirements of Federal law. Address questions concerning this form and its uses to the Privacy Act Officer, National Science Foundation, Arlington, VA 22230.

1. Today's Date: \_\_\_\_\_ 2. Year of Birth: \_\_\_\_\_

3. How did you learn about the particular position for which you are applying? (Circle appropriate number.)

- |                                                                                         |                                                                           |
|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| 01 - Newspaper (specify) _____                                                          | 10 - Federal, State or local job information center                       |
| 02 - Contact with NSF Personnel Office<br>(Agency Bulletin Board or other Announcement) | 11 - State vocational rehabilitation agency or<br>Veterans Administration |
| 03 - NSF-initiated personal contact                                                     | 12 - State employment office                                              |
| 04 - Science Magazine, or other professional journal or magazine<br>(specify) _____     | 13 - School or college counselor or other official                        |
| 05 - Affirmative Action Register                                                        | 14 - Private job Information service                                      |
| 06 - Attendance at conference, meeting or job fair<br>(specify) _____                   | 15 - Private employment service                                           |
| 07 - NSF recruitment at school or college                                               | 16 - Friend or relative working at NSF                                    |
| 08 - Colleague referral                                                                 | 17 - Friend or relative not working at NSF                                |
| 09 - NSF Bulletin                                                                       | 18 - NSF website                                                          |
|                                                                                         | 19 - Internet or other website                                            |
|                                                                                         | 20 - Other (specify) _____                                                |

4. Select the ethnic category with which you most closely identify:

- A. **Hispanic or Latino.** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.
- B. **Not Hispanic or Latino.**

5. Select one or more racial category with which you most closely identify:

- A. **American Indian or Alaska Native.** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.
- B. **Asian.** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
- C. **Black or African American.** A person having origins in any of the black racial groups of Africa.
- D. **Native Hawaiian or Other Pacific Islander.** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- E. **White.** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

6. Sex (Circle the appropriate letter.) F - Female M - Male

7. Please provide Information on your disability status by circling the appropriate category below:

1. I do not have a disability; 2. Hearing impairment; 3. Vision impairment; 4. Missing extremities; 5. Partial paralysis;  
6. Complete paralysis; 7. Convulsive disorder; 8. Mental retardation; 9. Mental or emotional illness; 10. Severe distortion of limbs  
and/or spine; 11. I have a disability but it is not listed.

FOR AGENCY USE

Agency Code: \_\_\_\_\_

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER